

Title (en)

Device for separating two disc-shaped elements positioned one above the other when removing one

Title (de)

Vorrichtung zum Trennen von zwei aufeinander angeordneten scheibenförmigen Elementen bei der Entnahme

Title (fr)

Dispositif de séparation de deux éléments circulaires agencés l'un sur l'autre lors de l'extraction

Publication

EP 1927433 B1 20090401 (DE)

Application

EP 07022053 A 20071113

Priority

DE 102006056339 A 20061129

Abstract (en)

[origin: EP1927433A1] The device has a lifting device for removal of disk-shaped elements (33,34) out of a support element (2) and for lifting an upper element out of the two disk-shaped elements. A holding device is provided for holding a lower disk-shaped element. The lifting device and the holding device are formed such that the force distribution produced by a vacuum force (F1) on a surface (35) of the a disk-shaped element differs in geometry from the force distribution produced by another vacuum force (F2) on another surface (36) of other disk-shaped element.

IPC 8 full level

B24B 37/34 (2012.01); **H01L 21/677** (2006.01); **H01L 21/683** (2006.01)

CPC (source: EP)

B24B 37/345 (2013.01); **B65G 47/91** (2013.01); **H01L 21/67092** (2013.01)

Cited by

CN102686370A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1927433 A1 20080604; **EP 1927433 B1 20090401**; AT E427188 T1 20090415; DE 102006056339 A1 20080911; DE 502007000560 D1 20090514; ES 2325136 T3 20090826

DOCDB simple family (application)

EP 07022053 A 20071113; AT 07022053 T 20071113; DE 102006056339 A 20061129; DE 502007000560 T 20071113; ES 07022053 T 20071113